Claims

1. Sanding tool for moldings of wood or the like, having a frame drivable in rotation on which a pad holder made of an elastic material is set in torsionally rigid fashion, and which sanding tool is faced with an abrasive, characterized in that the pad holder has a constant profile for the various profiles of moldings to be sanded.

2. Sanding tool according to claim 1 characterized in that the pad holder has a cylindrical ring on which an outwardly directed radial support ring is set in at least one frontal end region.

3. Sanding tool according to claim 2 characterized in that the cylindrical ring and the outwardly directed support ring are formed as a single-piece molded part fabricated from an elastic material.

4. Sanding tool according to claim 1 characterized in that the support ring has a groove, preferably running all the way around, on the side facing toward the cylindrical ring.

5. Sanding tool according to claim 1 characterized in that the abrasive is fastened on an abrasive backing adapted to the outline of the moldings to be sanded.

6. Sanding tool according to Claim 5 characterized in that the abrasive backing is modeled in a ring shape and characterized in that the abrasive backing is slipped onto the pad holder.

7. Sanding tool according to claim 1 characterized in that the abrasive backing is made up of a plurality of segments that can be attached to the pad holder.

8. Sanding tool according to claim 1 characterized in that the circumferential surface of the ring-shaped abrasive backing is segmental and in that exclusively the elevated segments are coated with an abrasive.

9. Sanding tool according to claim 1 characterized in that the frame is fashioned so as to be stable in shape and has a central hub and a seat ring concentric thereto and bearing the pad holder.

10. Sanding tool according to Claim 9 characterized in that the hub and the seat ring are connected to one another by an end ring.

11. Sanding tool according to claim 1 characterized in that the outer surface of the support ring of the pad holder extend into the region of the outer edges of the abrasive but preferably stand back a little in the direction toward the rotation axis of the sanding tool.

12. Sanding tool according to claim 1 characterized in that the outer edges of the abrasive rest on a terminating ring standing offset relative to the support ring or abut against the inner edge.